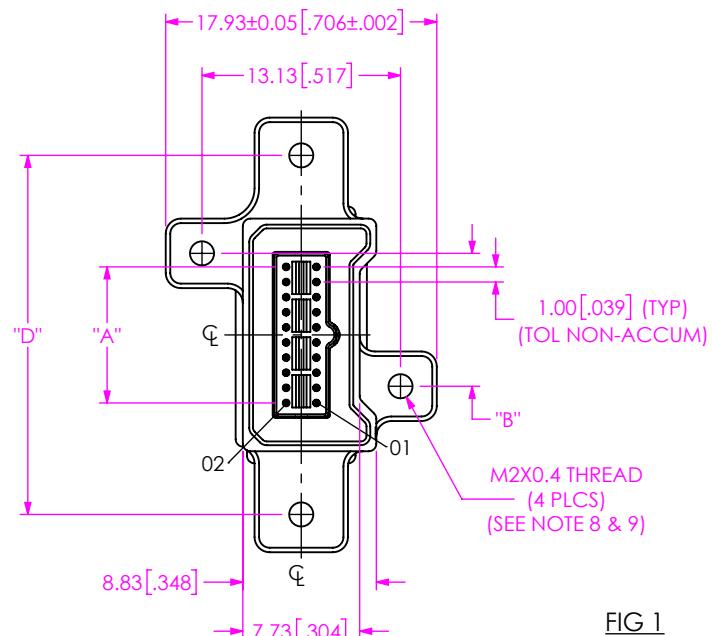


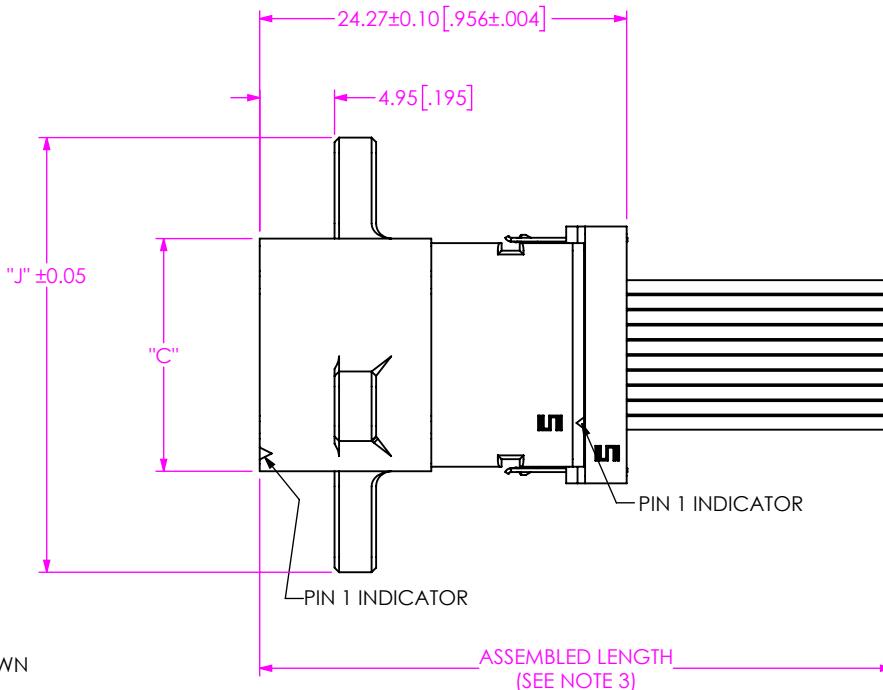
DO NOT
SCALE FROM
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TABLE 1

No. OF POS	"A"	"B"	"C"	"D"	"J"
-04	3.00 [0.118]	2.79 [0.110]	9.39 [0.370]	17.75 [0.699]	22.75 [0.896]
-05	4.00 [0.157]	3.79 [0.149]	10.39 [0.409]	18.75 [0.738]	23.75 [0.935]
-07	6.00 [0.236]	5.79 [0.228]	12.39 [0.488]	20.75 [0.817]	25.75 [1.014]
-10	9.00 [0.354]	8.79 [0.346]	15.39 [0.606]	23.75 [0.935]	28.75 [1.132]
-15	14.00 [0.551]	13.79 [0.543]	20.39 [0.803]	28.75 [1.132]	33.75 [1.329]
-20	19.00 [0.748]	18.79 [0.740]	25.39 [1.000]	33.75 [1.329]	38.75 [1.526]
-25	24.00 [0.945]	23.79 [0.937]	30.39 [1.196]	38.75 [1.526]	43.75 [1.722]
-30	29.00 [1.142]	28.79 [1.133]	35.39 [1.393]	43.75 [1.722]	48.75 [1.919]
-40	39.00 [1.535]	38.79 [1.527]	45.39 [1.787]	53.75 [2.116]	58.75 [2.313]

FIG 1
P1PDX-10-XXX-XXX-XX.X-XX SHOWN

PANEL	-P: PANEL MOUNT	PINOUT	(LEAVE BLANK FOR SINGLE ENDED ASSEMBLY)
FEP CABLE OPTION	-T: FEP INSULATION	-1: PIN 1 TO PIN 1	-2: PIN 1 TO PIN 2
**LEAVE BLANK FOR PVC (SEE NOTE 5)		-3: PIN 1 TO PIN N	-4: PIN 1 TO PIN N-1
No OF POSITIONS (PER ROW)		END OPTION	(LEAVE BLANK FOR SINGLE ENDED ASSEMBLY)
*-04, *-05, *-07, -10, -15, *-20, -25, -30, *-40		-B: B1SDX	-S: SFSDX
WIRE GAUGE (AWG)	-28, -30	PIN LENGTH	(LEAVE BLANK FOR STANDARD PIN)
COLOR CODE	**-C: COLOR CODE WIRE (SEE TABLE 2, SHT 2)	*-H: HOT SWAP	
LEAVE BLANK FOR STANDARD WIRE (NOT AVAILABLE FOR FEP OPTION, FEP OPTION ONLY AVAILABLE IN BLUE)		ASSEMBLED LENGTH	(SPECIFY IN INCHES) 06.0 IN MINIMUM
		PLATING SPECIFICATION	-H: 30μ GOLD IN CONTACT AREA, FLASH GOLD ON TAIL
		* NOT TOOLED	
		** NOT RELEASED	



NOTES:

1. MINIMUM PUSHOUT FORCE: 4.445N[1.0 LB].
2. PARTS TO BE PACKAGED IN ASBBLTXXXXX BUBBLE BAG.
3. FOR ASSEMBLED LENGTHS LESS THAN 330.2MM [13.00 IN], TOLERANCE SHALL BE ± 3.18[.125], FOR OTHER LENGTHS, TOLERANCE SHALL BE ± 2%.
4. ALL FINISHED GOODS ARE TO BE ELECTRICALLY TESTED INCLUDING HI-POT TEST AT 1000 VOLTS DC. AFTER FINAL ELECTRICAL TEST, LABEL WITH 1 ET STAMP ON THE BODY.
5. ASSEMBLIES USING THE FEP OPTION ARE FOR CRIMP APPLICATIONS ONLY.
6. CONTACT MUST BE INSERTED UNTIL RETENTION FEATURE LOCKS IN PLACE.
7. CUT LENGTH IS ASSEMBLY LENGTH MINUS CUT SUBTRACTOR
8. M2.0 (SS): 1.56 IN-LB (STANDARD T-TORQUE).
9. REDUCE TO 0.5T (50% TORQUE) FOR SOFT BASE MATERIALS (E.G., PLASTIC, ALUMINUM) OR LOW-STRENGTH FASTENERS.

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MATERIAL:	DO NOT SCALE DRAWING SHEET SCALE: 1:2
INSULATORS: LCP COLOR: BLACK	
TERMINAL: BeCu	
SHIELD: ZINC ALLOY	
LATCH: SS	
CABLE: JACKET (SEE CALLOUT)	
WIRE: TINNED COPPER	
DESCRIPTION:	1MM PITCH PIN ASSEMBLY
DWG. NO.	
P1XDX-XX-XXX-X-XX.X-X-XX	
BY: G DETHY	03/17/2021
SHEET 1 OF 4	

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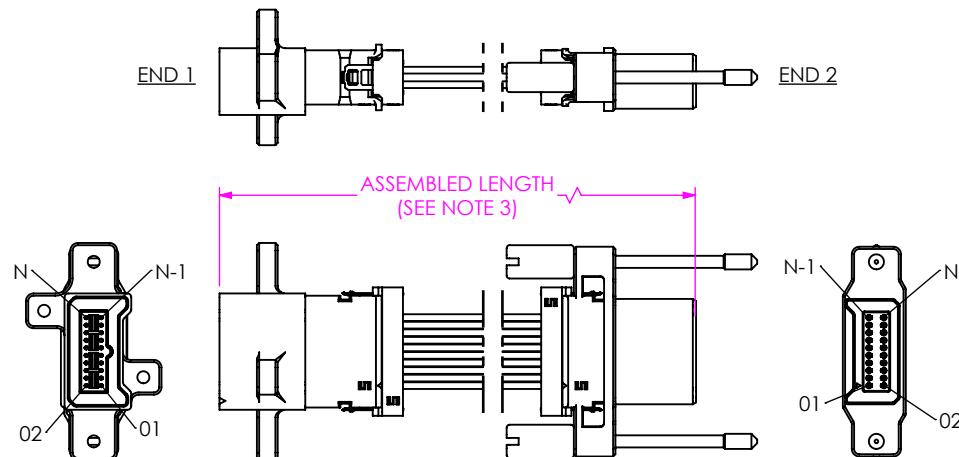


FIG 2
P1PDX-10-XXX-X-XX.X-B1 SHOWN
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)

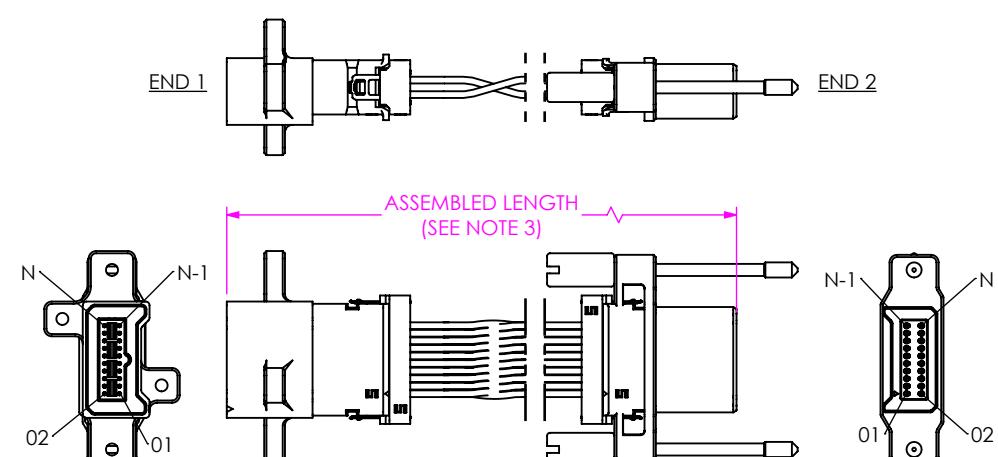


FIG 3
P1PDX-10-XXX-X-XX.X-B2 SHOWN
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)

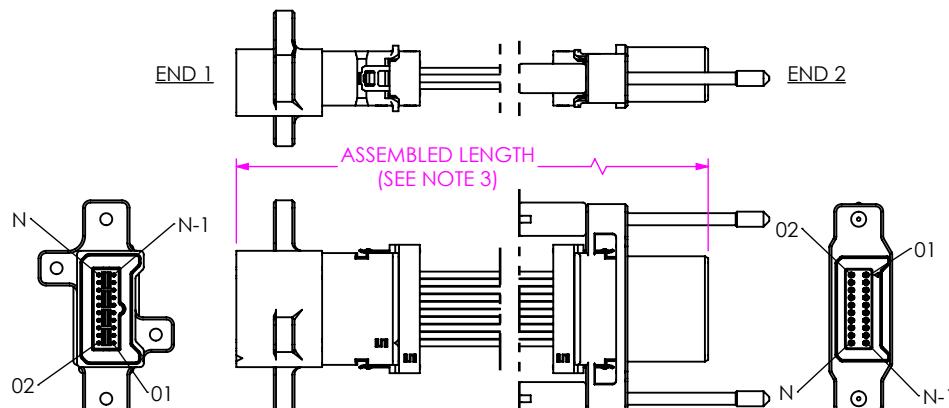


FIG 4
P1PDX-10-XXX-XXX-XX.X-B3 SHOWN
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)

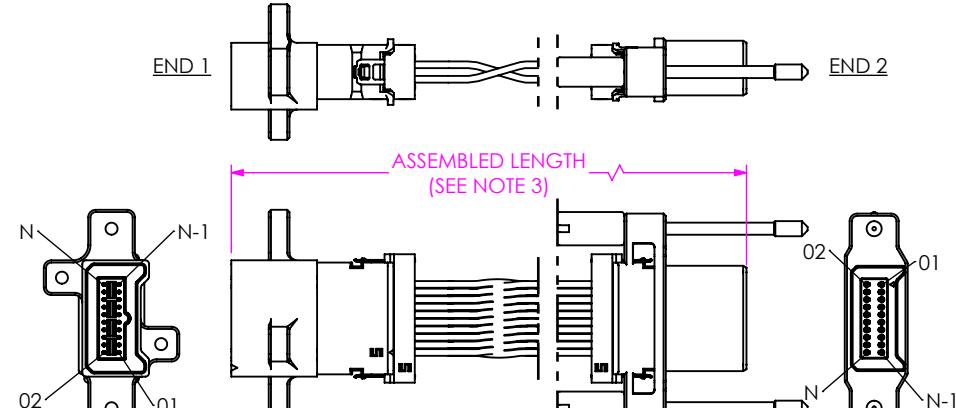


FIG 5
P1PDX-10-XXX-X-XX.X-B4 SHOWN
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1 & FIG 4)

TABLE 2
P1XD COLOR CODED WIRE SEQUENCE
COLOR

	BROWN	RED	ORANGE	YELLOW	GREEN	BLUE	VIOLET	GRAY	WHITE	BLACK
	DWC-XX-01-300	DWC-XX-02-300	DWC-XX-03-300	DWC-XX-04-300	DWC-XX-05-300	DWC-XX-13-300	DWC-XX-07-300	DWC-XX-08-300	DWC-XX-09-300	DWC-XX-10-300
END 1 PIN #	1	2	3	4	5	6	7	8	9	10
	11	12	13	14	15	16	17	18	19	20
	21	22	23	24	25	26	27	28	29	30
	31	32	33	34	35	36	37	38	39	40
	41	42	43	44	45	46	47	48	49	50
	51	52	53	54	55	56	57	58	59	60
	61	62	63	64	65	66	67	68	69	70
	71	72	73	74	75	76	77	78	79	80

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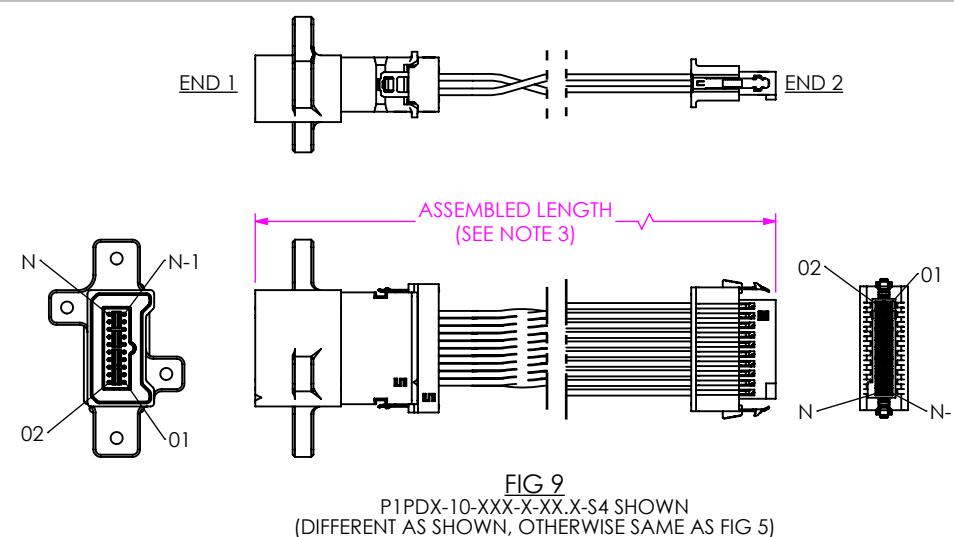
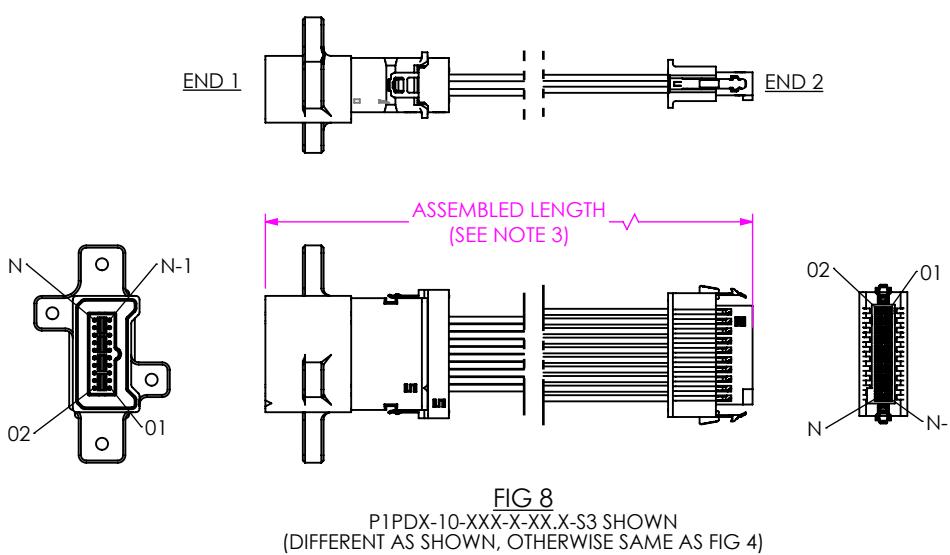
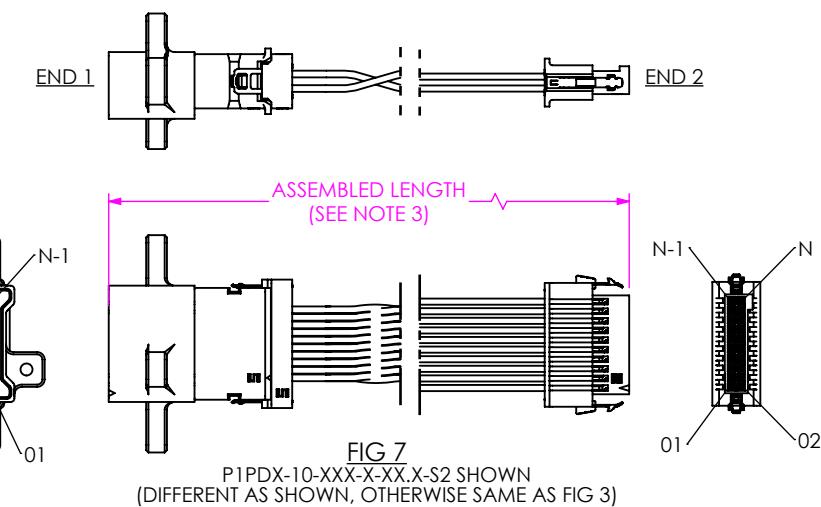
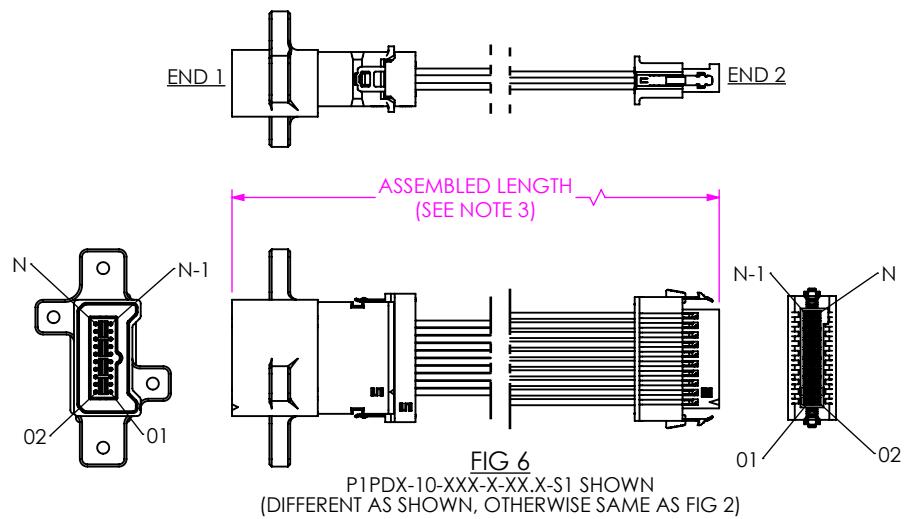
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DESCRIPTION:
1MM PITCH PIN ASSEMBLY
DWG. NO.
P1XDX-XX-XXX-X-XX.X-X-XX
BY:G DETHY 03/17/2021 SHEET 2 OF 4

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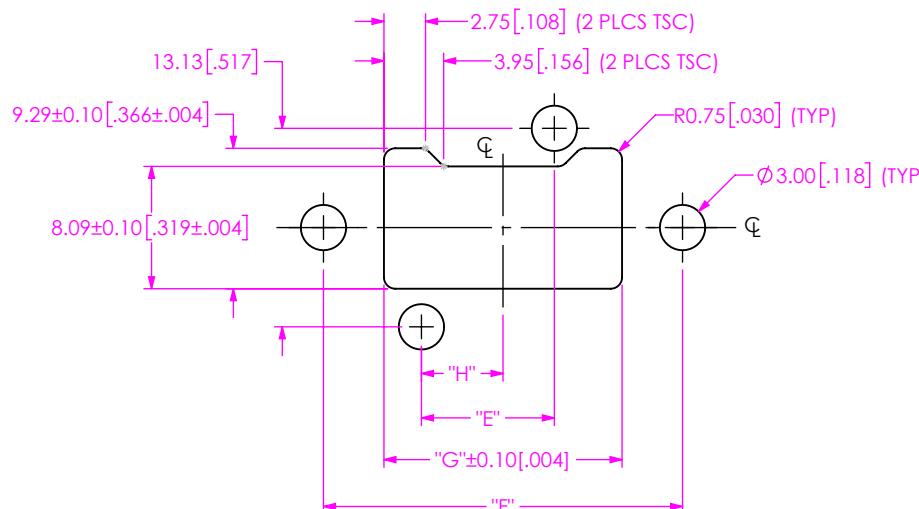
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DESCRIPTION:
1MM PITCH PIN ASSEMBLY

DWG. NO.

P1XDX-XX-XXX-X-XX.X-X-XX

BY: G DETHY 03/17/2021 SHEET 3 OF 4



RECOMMENDED PANEL CUTOUT

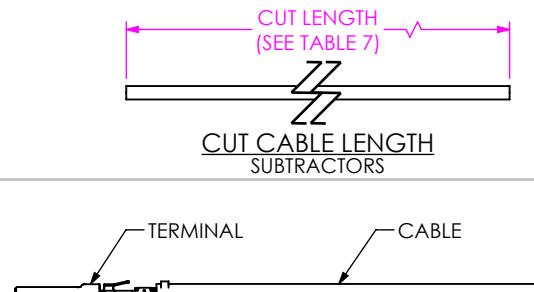
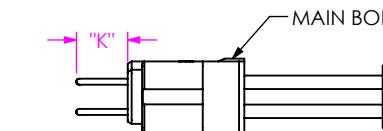


TABLE 4

No. OF POS	"J"
-04	3.00 [0.118]
-05	4.00 [0.157]
-07	6.00 [0.236]
-10	9.00 [0.354]
-15	14.00 [0.551]
-20	19.00 [0.748]
-25	24.00 [0.945]
-30	29.00 [1.142]
-40	39.00 [1.535]

IN PROCESS 3
(SEE NOTE 6)

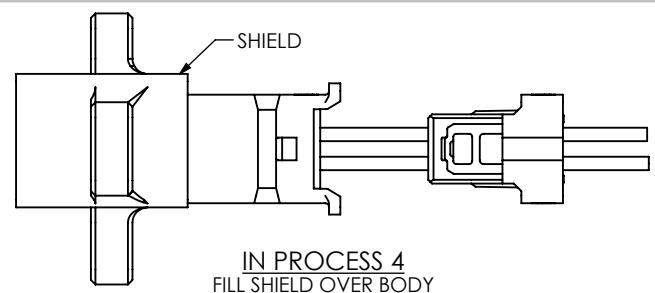
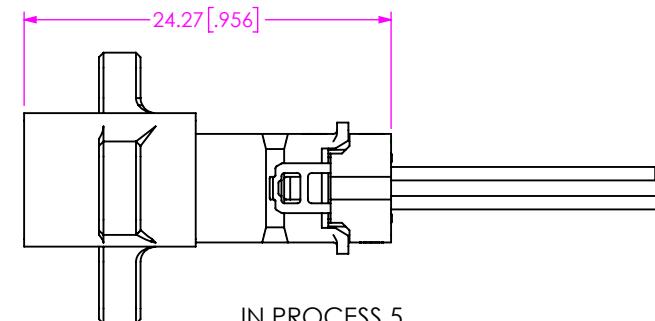
PIN OPTION	"K"
STANDARD	3.34 [0.131]
HOT SWAP	4.08 [0.161]

TABLE 3

No. OF POS	"E"	"F"	"G"	"H"
-04	2.79 [0.110]	17.75 [0.699]	9.75 [0.384]	2.395 [0.094]
-05	3.79 [0.149]	18.75 [0.738]	10.75 [0.423]	2.895 [0.114]
-07	5.79 [0.228]	20.75 [0.817]	12.75 [0.502]	3.895 [0.153]
-10	8.79 [0.346]	23.75 [0.935]	15.75 [0.620]	5.395 [0.212]
-15	13.79 [0.543]	28.75 [1.132]	20.75 [0.817]	7.895 [0.311]
-20	18.79 [0.740]	33.75 [1.329]	25.75 [1.014]	10.395 [0.409]
-25	23.79 [0.937]	38.75 [1.526]	30.75 [1.211]	12.895 [0.508]
-30	28.79 [1.133]	43.75 [1.722]	35.75 [1.407]	15.395 [0.606]
-40	38.79 [1.527]	53.75 [2.116]	45.75 [1.801]	20.395 [0.803]

TABLE 6

SERIES	WIRE GAUGE	MAIN BODY	REAR BODY	SHIELD	TERMINAL	CABLE
P1PD	28 AWG	IPP1-XX-1	P1PDR-XX	P1PDS-XX-N	TC145-XX-X-X	DWC-28-XX-300
	30 AWG					DWC-30-XX-300
P1PDT	28 AWG					DWCT-28-01-TC
	30 AWG					DWCT-30-01-TC

IN PROCESS 4
FILL SHIELD OVER BODYIN PROCESS 5
FILL REAR BODY TO SHIELD

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DESCRIPTION: 1MM PITCH PIN ASSEMBLY
DWG. NO. P1XDX-XX-XXX-X-XX.X-X-XX
BY: G DETHY 03/17/2021 SHEET 4 OF 4